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Docket No.: BAI-02-0923A (02-0923A)

Application No. 10/622,846  
Amendment dated August 24, 2007  
Reply to Office Action of May 1, 2007

**REMARKS**

Claims 1-31 were pending in the application when a Non-Final Office Action was mailed on May 1, 2007. Claims 1-31 were rejected.

Claims 7, 12, 18, 24, and 30 have been cancelled. In view of the above amendments and arguments set forth herein, Applicants respectfully submit that Claims 1-6, 8-11, 13-17, 19-23, 25-29, and 31 that remain pending in the application are allowable and are in condition for allowance. Applicants respectfully request entry of the Amendment, reconsideration and allowance of Claims 1-6, 8-11, 13-17, 19-23, 25-29, and 31, issuance of a Notice of Allowance, and passage of the application to issuance.

**I. CLAIM REJECTIONS – 35 U.S.C. § 103**

Claims 1-31 were rejected under 35 U.S.C. § 103.

**A. CLAIMS 1-4, 8, 9, 13, 14-15, 19, 25-27, AND 31**

Claims 1-4, 8, 9, 13, 14-15, 19, 25-27, and 31 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,155,519 to Rajasingham in view of U.S. Patent Application Publication No. 2003/0046344 to Kumbyer et al. and U.S. Patent Application Publication No. 2002/0099854 to Jorgensen. The Office Action set forth the position that it would be obvious to one of ordinary skill in the art at the time the invention was made to modify Rajasingham's system to provide for the following: a second local area network arranged to provide network data services and arranged to communicate with a second video teleconference terminal, the first and second local area networks being in bidirectional communication packet data radio communications as this arrangement would provide one of the methods, among many possible methods, of providing communication medium between the video conference terminals as taught by Kumbyer; wherein packets of video teleconference data are prioritized over packets of data for services other than video teleconferencing as this arrangement would facilitate providing desired

Application No. 10/622,846  
Amendment dated August 24, 2007  
Reply to Office Action of May 1, 2007

Docket No.: BA1-02-0923A (02-0923A)

quality of service for video conference data as taught by Jorgensen, thus contributing to pleasant video conference experience.

Applicants respectfully traverse. Applicants respectfully submit that a *prima facie* case of obviousness has not been established because the combination of cited references does not teach or suggest all of the claim limitations.

Applicants respectfully submit that the combination of Rajasingham in view of Kumbyer et al. and Jorgensen does not teach or suggest “first and second local area networks being in asymmetrical bidirectional packet data radio frequency communications via a forward satellite link from the terrestrial station having a forward link rate that is substantially greater than a videoteleconference call rate and a return satellite link from the mobile platform having a return link rate that is adjustable to support the videoteleconference call rate”, as recited in Claims 1 and 9, as amended, or “a satellite transceiver coupled to the local area network and arranged to asymmetrically transmit and receive first packets of video teleconference data and second packets of data for services other than video teleconferencing via a return satellite link from the mobile platform having a return link rate that is adjustable to support a videoteleconference call rate and a forward link rate that is substantially greater than the videoteleconference call rate”, as recited in Claim 14, as amended, or “transmitting the first packets of video teleconference data from the mobile platform via asymmetrical satellite radio frequency communications through a return satellite link from the mobile platform having a return link rate that is adjustable to support a videoteleconference call rate”, as recited in Claim 25, as amended.

Because the combination of Rajasingham in view of Kumbyer et al. and Jorgensen does not teach or suggest all of the limitations of Claims 1, 9, 14, and 25, Applicants respectfully submit that a *prima facie* case of obviousness has not been established. Therefore, Applicants respectfully submit that Claims 1, 9, 14, and 25 are not obvious and are patentable over the combination of Rajasingham in view of Kumbyer et al. and Jorgensen. Applicants respectfully request entry of the Amendment, and reconsideration and allowance of Claims 1, 9, 14, and 25.

Application No. 10/622,846  
Amendment dated August 24, 2007.  
Reply to Office Action of May 1, 2007

Docket No.: BA1-02-0923A (02-0923A)

Claims 2-4 and 8 depend from Claim 1; Claim 13 depends from Claim 9; Claims 15 and 19 depend from Claim 14; and Claims 26, 27, and 31 depend from Claim 25. By virtue of their dependency and for other reasons, Applicants respectfully submit that Claims 2-4, 8, 13, 15, 19, 26, 27, and 31 are not obvious and are patentable over the combination of Rajasingham in view of Kumbyer et al. and Jorgensen. Applicants respectfully request entry of the Amendment, and reconsideration and allowance of Claims 2-4, 8, 13, 15, 19, 26, 27, and 31.

B. CLAIMS 5-6, 10-11, 16-17, AND 28-29

Claims 5-6, 10-11, 16-17, and 28-29 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Rajasingham in view of Kumbyer and Jorgensen further in view of PCT Patent Application Publication No. 99/05998 to McIntosh. The Office Action set forth the position that it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination to provide microphones including noise-canceling microphones and headphones including noise-canceling headphones as this arrangement would provide means for combating noise, especially in a noisy environment as taught by McIntosh, thus providing satisfactory audio signals for listening.

Applicants respectfully traverse. Applicants respectfully submit that a *prima facie* case of obviousness has not been established because the combination of cited references does not teach or suggest all of the claim limitations.

Applicants respectfully submit that the combination of Rajasingham in view of Kumbyer et al. and Jorgensen and further in view of McIntosh does not teach or suggest "first and second local area networks being in asymmetrical bidirectional packet data radio frequency communications via a forward satellite link from the terrestrial station having a forward link rate that is substantially greater than a videoteleconference call rate and a return satellite link from the mobile platform having a return link rate that is adjustable to support the videoteleconference call rate", as recited in Claim 1, as amended, from which Claims 5 and 6 depend and Claim 9, as amended, from which Claims 10 and 11 depend, or "a satellite transceiver coupled to the local area

Application No. 10/622,846  
Amendment dated August 24, 2007  
Reply to Office Action of May 1, 2007

Docket No.: BA1-02-0923A (02-0923A)

network and arranged to asymmetrically transmit and receive first packets of video teleconference data and second packets of data for services other than video teleconferencing via a return satellite link from the mobile platform having a return link rate that is adjustable to support a videoteleconference call rate and a forward link rate that is substantially greater than the videoteleconference call rate", as recited in Claim 14, as amended, from which Claims 16 and 17 depend, or "transmitting the first packets of video teleconference data from the mobile platform via asymmetrical satellite radio frequency communications through a return satellite link from the mobile platform having a return link rate that is adjustable to support a videoteleconference call rate", as recited in Claim 25, as amended, from which Claims 28 and 29 depend.

Because the combination of Rajasingham in view of Kumbyer et al. and Jorgensen and further in view of McIntosh does not teach or suggest all of the limitations of Claims 5-6, 10-11, 16-17, and 28-29, Applicants respectfully submit that a *prima facie* case of obviousness has not been established. Therefore, Applicants respectfully submit that Claims 5-6, 10-11, 16-17; and 28-29 are not obvious and are patentable over the combination of Rajasingham in view of Kumbyer et al. and Jorgensen and further in view of McIntosh. Applicants respectfully request entry of the Amendment, and reconsideration and allowance of Claims 5-6, 10-11, 16-17, and 28-29.

C. CLAIMS 7, 12, 18, AND 30

Claims 7, 12, 18, and 30 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Rajasingham in view of Kumbyer and Jorgensen further in view of U.S. Patent Application Publication No. 2003/0084130 to D'Annunzio. Claims 7, 12, 18, and 30 have been cancelled, thereby rendering moot their rejection.

D. CLAIMS 20-21 AND 24

Claims 20-21 and 24 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Rajasingham in view of Jorgensen and U.S. Patent No. 5,463,656 to Polivka. The Office Action set forth the position that it would have been obvious to one of ordinary skill in the art at the time the

Application No. 10/622,846  
Amendment dated August 24, 2007  
Reply to Office Action of May 1, 2007

Docket No.: BA1-02-0923A (02-0923A)

invention was made to modify Rajasingham's system to provide a fuselage, transmit and receive antennas on the fuselage, a transceiver coupled to the local area network and to transmit and receive antenna, the transceiver being arranged to transmit and receive first packets of video conference data and second packets of data for services other than video teleconferencing as this arrangement would provide necessary paraphernalia to conduct audio and video and data reception and transmission as taught by Polivka; and quality of service device coupled between the first video teleconference terminal and the first local area network on the aircraft and arranged to prioritize packets of video teleconference data that are transmitted from the aircraft over the second packets of data that are transmitted from the aircraft for services other than video teleconferencing as this arrangement would provide desired connection between conference terminals to maintain quality of service for video conference.

Applicants respectfully traverse. Applicants respectfully submit that a *prima facie* case of obviousness has not been established because the combination of cited references does not teach or suggest all of the claim limitations.

Applicants respectfully submit that the combination of Rajasingham in view of Polivka does not teach or suggest "a satellite transceiver coupled to the local area network and to the transmit and receive antennas, the satellite transceiver being arranged to asymmetrically transmit and receive first packets of video teleconference data and second packets of data for services other than video teleconferencing via a return satellite link from the mobile platform having a return link rate that is adjustable to support a videoteleconference call rate and a forward link rate that is substantially greater than the videoteleconference call rate", as recited in Claim 20, as amended.

Because the combination of Rajasingham in view of Polivka does not teach or suggest all of the limitations of Claim 20, Applicants respectfully submit that a *prima facie* case of obviousness has not been established. Therefore, Applicants respectfully submit that Claim 20 is not obvious and is patentable over the combination of Rajasingham in view of Polivka. Applicants respectfully request entry of the Amendment, and reconsideration and allowance of Claim 20.

Application No. 10/622,846  
Amendment dated August 24, 2007  
Reply to Office Action of May 1, 2007

Docket No.: BA1-02-0923A (02-0923A)

Claim 24 has been cancelled, thereby rendering moot its rejection. Claim 21 depends from Claim 20. By virtue of its dependency and for other reasons, Applicants respectfully submit that Claim 21 is not obvious and is patentable over the combination of Rajasingham in view of Polivka. Applicants respectfully request entry of the Amendment, and reconsideration and allowance of Claim 21.

E. CLAIMS 22 AND 23

Claims 22 and 23 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Rajasingham in view of Jorgensen and Polivka and further in view of McIntosh. The Office Action set forth the position that it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the combination to provide for a microphone that includes noise-canceling microphones and headphones that include noise-canceling headphones as this arrangement would provide means for combating noise especially in a noisy environment as taught by McIntosh, thus providing satisfactory audio signals for listening.

Applicants respectfully traverse. Applicants respectfully submit that a *prima facie* case of obviousness has not been established because the combination of cited references does not teach or suggest all of the claim limitations.

Applicants respectfully submit that the combination of Rajasingham in view of Polivka and further in view of McIntosh does not teach or suggest “a satellite transceiver coupled to the local area network and to the transmit and receive antennas, the satellite transceiver being arranged to asymmetrically transmit and receive first packets of video teleconference data and second packets of data for services other than video teleconferencing via a return satellite link from the mobile platform having a return link rate that is adjustable to support a videoteleconference call rate and a forward link rate that is substantially greater than the videoteleconference call rate”, as recited in Claim 20, as amended, from which Claims 22 and 23 depend.

Application No. 10/622,846  
Amendment dated August 24, 2007  
Reply to Office Action of May 1, 2007

Docket No.: BA1-02-0923A (02-0923A)

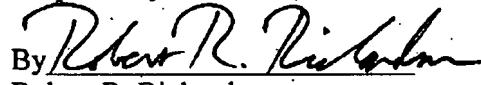
Because the combination of Rajasingham in view of Polivka and further in view of McIntosh does not teach or suggest all of the limitations of Claims 22 and 23, Applicants respectfully submit that a *prima facie* case of obviousness has not been established. Therefore, Applicants respectfully submit that Claims 22 and 23 are not obvious and are patentable over the combination of Rajasingham in view of Polivka and further in view of McIntosh. Applicants respectfully request entry of the Amendment, and reconsideration and allowance of Claims 22 and 23.

## II. CONCLUSION

Claims 7, 12, 18, 24, and 30 have been cancelled. In view of the above amendments and arguments set forth herein, Applicants respectfully submit that Claims 1-6, 8-11, 13-17, 19-23, 25-29, and 31 that remain pending in the application are allowable and are in condition for allowance. Applicants respectfully request entry of the Amendment, reconsideration and allowance of Claims 1-6, 8-11, 13-17, 19-23, 25-29, and 31, issuance of a Notice of Allowance, and passage of the application to issuance.

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Respectfully submitted,

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